



Upgrading Facility Lighting Systems

Your Expert Source for Best in Class Lighting Solutions

Freedom Energy Logistics

- Proven Expertise in Energy Management for Businesses and Municipalities
 - Dedicated to providing innovative, cutting edge, cost reduction energy solutions
- Active Load Management in Natural Gas and Electricity
- Have saved Customers Millions and Millions of Dollars since 2004

Why LEDs Are Important

➤ **Lighting Directly Effects:**

- Energy Usage
- Maintenance
 - Superior Lumen Maintenance over T5 and HID lighting
 - Longer Life
- Environmental Issues
 - Do not contain Mercury
 - Removes carbon pollutions from energy generation
- Safety
- Productivity
 - Better Quality Light , when and where you need it

➤ **Supports the Drive to Sustainability**

The Math is Simple

Our lighting solutions produce big savings

Here's how your savings add up:

- **50%-80% Reduced LED energy cost versus traditional lighting**
- **Maintenance costs virtually eliminated for 10+ years**
- **Financial incentives from – State, Federal and Utility**
- **No initial investment– Optional 100% financing with payments that are less than the monthly savings.**

Our 5-Step Process

1. Information Intake and Product Demonstration

- ✓ One of our expert lighting consultants will analyze your facility's existing lighting and record your hours of operation as well as operating patterns to determine the appropriate lighting system and controls upgrade for each work area.

2. Preliminary Lighting Upgrade Report

- ✓ Following an Information Gathering stage, a preliminary lighting upgrade report will be prepared and then presented to the facility manager and other decisions makers. At this point a day no-cost, no-obligation 30 day product trial period is started.

3. Sample Product Installed

- ✓ If the preliminary proposal looks favorable and you are ready to take the next step, agreement is reached on how many sample LED products to install for a no cost, no obligation 30 day trial.

4. Project Implementation and Management

- ✓ Our project management and Lighting Consultant will coordinate with your utility company to arrange pre and post onsite inspections (for rebates if available). They will then schedule the product shipment & installation to proceed according to your preference to minimize any disruption to your operation.

5. Project Close Out Services

- ✓ We use EPA approved methods of recycling or disposing of your existing bulbs and fixtures. WE also provide employee training on proper operation of any controls for your new lighting system,. Finally we issue manufacturer's warranty and the optional 5 or 10 year Energy Savings Guarantee backed by an "A" rated Insurance Company

LED Fixtures, Bulbs or Retrofit Kits

- **New LED fixtures** can replace existing Metal Halide, HPS, LPS, Mercury Vapor, Fluorescent, Incandescent, Halogen and CFL Lights
- **Retrofit Kits** that can replace bulbs in existing fixtures, that clients may want to keep
- **Range of Solutions** that can meet Client's Requirements

- ✓ Cost Competitive
- ✓ RoHS Compliant
- ✓ ETL/ cETL listed
- ✓ UL® Classified by Underwriters Laboratories Inc.
- ✓ DesignLights® Consortium Listed
- ✓ Range of Warranty Options



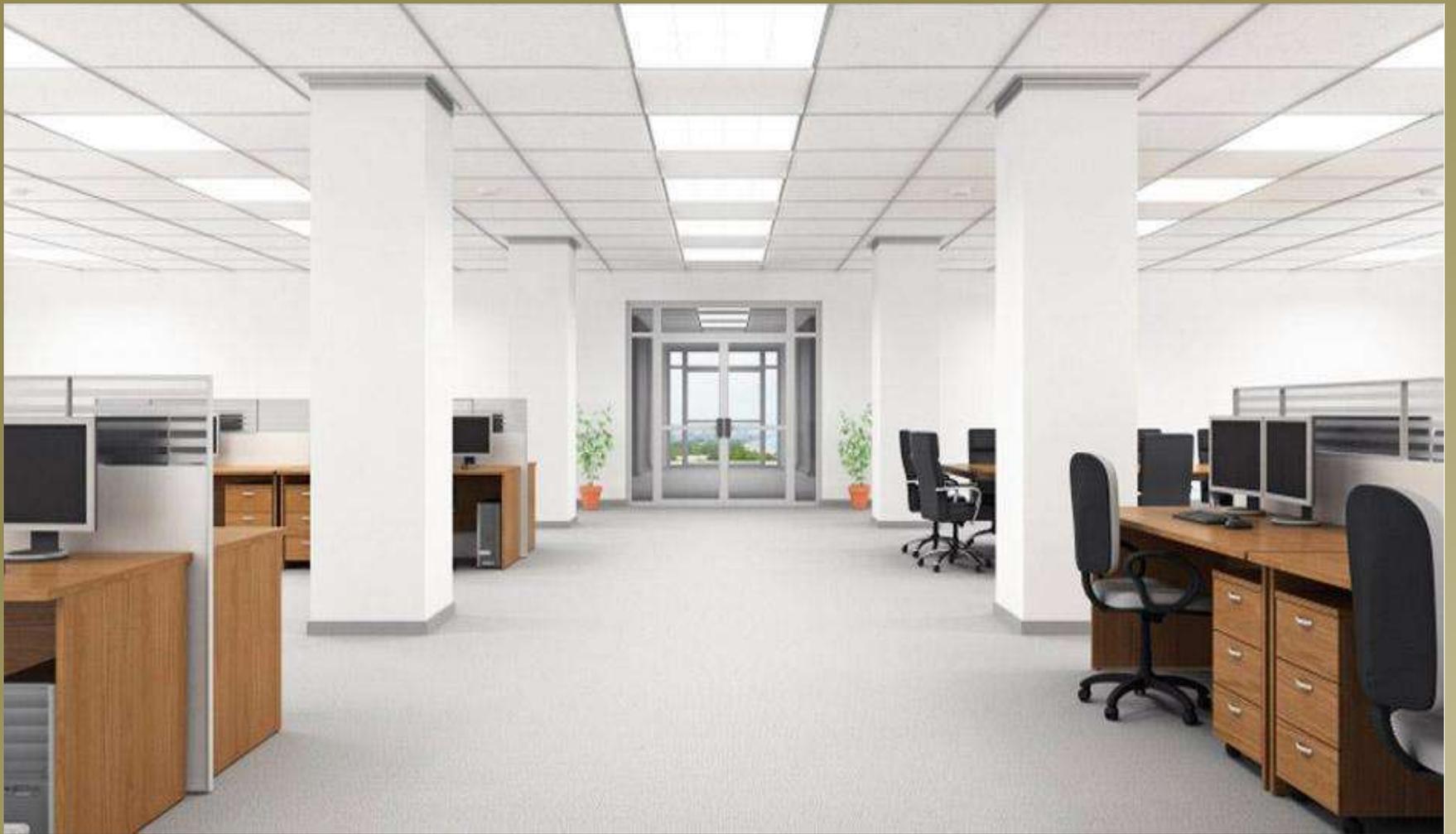
FEL/ EWM Supplies Only Quality Products

- **FEL/ EWM has invested significant time and resources evaluating 100's of LED lighting manufacturers, so we can offer the products with the highest reliability.**
 - ✓ Products meet stringent Qualified Product Manufacturer Standards
 - ✓ Global LED lighting Manufacturing companies located: USA, China and ROW

- **LED Retrofit Kits and New Features**

- ✓ LED High Bays
- ✓ LED Tubes/ Panel Lights
- ✓ Street Lights
- ✓ Area Lighting
- ✓ Wall Pack Models
- ✓ Explosion Proof Models
- ✓ Many More





Application Examples

Parking Lot HPS to LED upgrade

400w HPS upgraded to 110W LED retrofit



Nuclear Power Plant

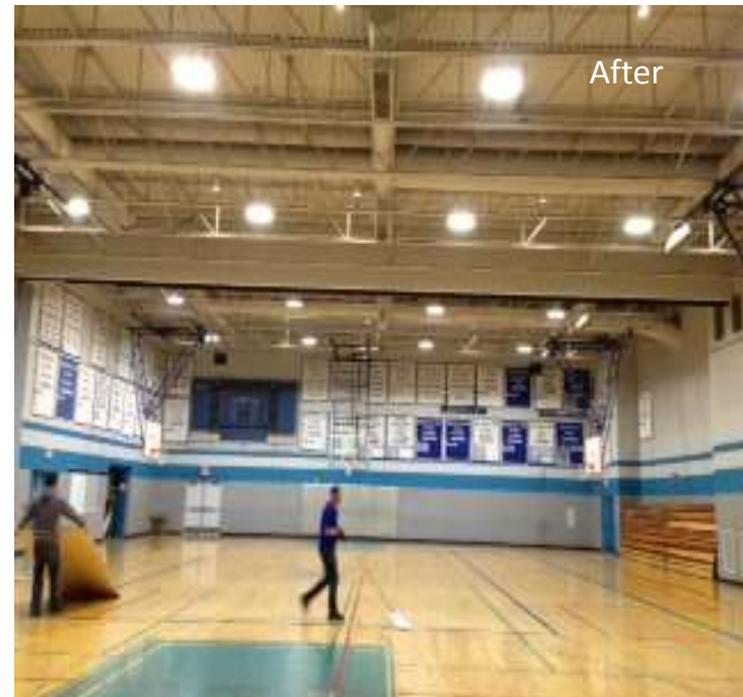
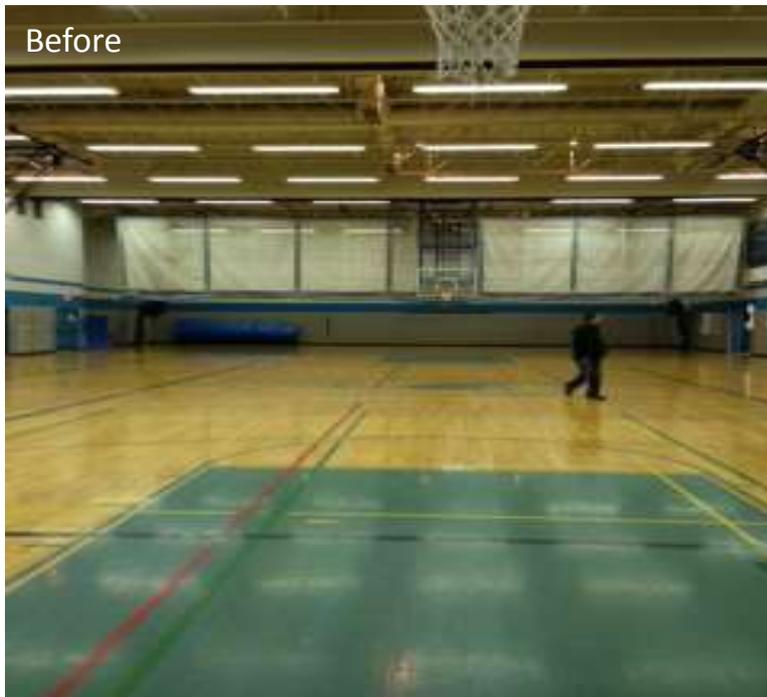
LED Energy Savings over Mercury Vapor Lamps



- 455 W to 242 W
- 1150 W to 482 W

Gymnasium Upgrade

Fluorescent Fixtures (T12) to LED High Bays



Airport Hangar

1000W Metal Halide to 484W LED High Bays



Factory Floor

1000W HID Conversion to 335/444W LED



Microtel Hotel in California

400W HPS Conversion 110W LED using LED Retrofit Kit



Roadway- Italy

100W HPS to 30/60W LED Using LED Retrofit Kit



Partial List of Satisfied LED Customers

Powered by Every Watt Matters





energy logistics

Power on your own terms

Thank you For Your Time & Attention

www.felpower.com

